

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VILLEGAS *et al.*

Patent No. 7,335,759 B2

Filed: November 26, 2003

For: **Recombinant Immunogens for the  
Generation of Antivenoms to the  
Venom of Scorpions of the Genus  
Centruroides**

Confirmation No.: 6600

Art Unit: 1656

Examiner: DESAI, Anand U.

Atty. Docket: 2399.0070001/JAG/LAV

**Request for Certificate of Correction  
Under 37 C.F.R. § 1.322**

*Attn: Certificate of Correction Branch*

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is hereby requested that a Certificate of Correction under 37 C.F.R. § 1.322 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by the U.S. Patent and Trademark Office.

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

Correction		Support
The name of the assignee was misspelled on the front of the patent and should read: Universidad Nacional Autónoma de México (UNAM)		Form PTOL-85 submitted December 13, 2007, <i>see</i> box 3
SEQ ID NO	Correction	Support
SEQ ID NO: 11	codon/aa No. 1 should be codon/aa No. -20	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 12	codon/aa No. 1 should be codon/aa No. -20	Amendment under 37 C.F.R. §1.137 filed November 29, 2007

SEQ ID NO: 15	codon/aa No. 1 should be codon/aa No. -7	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 16	codon/aa No. 1 should be codon/aa No. -7	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 19	Amino acids 66-68 should be deleted from the sequence. The last Gly and the following 2 basic amino acid are not present in the mature peptide and should be deleted from the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 20	Amino acids 66-68 should be deleted from the sequence. The last Gly and the following 2 basic amino acid are not present in the mature peptide and should be deleted from the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 93	The mature peptide should start at 62 . . ( ) and not at 68 . . ( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 94	codon/aa No. -2 should be codon/aa No. 1	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 95	This sequence encodes a mature peptide and nucleic acids --aag gaa-- encoding the first two amino acids Lys Glu should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 96	This is a mature peptide and amino acids --Lys Glu-- should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 97	The mature peptide should start at 62 . . ( ) and not at 68 . . ( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 98	codon/aa No. -2 should be codon/aa No. 1	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 99	This sequence encodes a mature peptide and nucleic acids --aaa gaa-- encoding the first two amino acids Lys Glu should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 100	This is a mature peptide and the first two amino acids --Lys Glu-- should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 101	The mature peptide should start at 62 . . ( ) and not at 65 . . ( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 102	codon/aa No. -1 should be	Amendment under 37 C.F.R.

	codon/aa No. 1	§1.137 filed November 29, 2007
SEQ ID NO: 103	This sequence encodes a mature peptide and nucleic acids --aag-- encoding the first amino acid Lys should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 104	This is a mature peptide and the first amino acid --Lys-- should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 105	The mature peptide should start at 62-( ) and not at 65-( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 106	codon/aa No. -1 should be codon/aa No. 1	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 107	This sequence encodes a mature peptide and nucleic acids --aag-- encoding the first amino acid Lys should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 108	This is a mature peptide and the first amino acid --Lys-- should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 109	The mature peptide should start at 62 . . ( ) and not at 59 . . ( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 110	codon/aa No. 2 should be codon/aa No. 1	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 111	This sequence encodes a mature peptide and the extra nucleic acids "gca" should be deleted from the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 112	This is a mature peptide and the extra amino acid "Ala" should be deleted from the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 121	The mature peptide should start at 62 . . ( ) and not at 71 . . ( ).	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 122	codon/aa No. -3 should be codon/aa No. 1	Amendment under 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 123	This sequence encodes a mature peptide and nucleic acids --aag gac ggt-- encoding the first three amino acids Lys Asp Gly should be inserted at the beginning of the sequence.	Amendment under 37 C.F.R. §1.137 filed November 29, 2007

SEQ ID NO: 124	This is a mature peptide and the first three amino acids --Lys Asp Gly-- should be inserted at the beginning of the sequence.	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 125	The mature peptide should start at 62 . . ( ) and not at 71 . . ( ).	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 126	codon/aa No. -3 should be codon/aa No. 1	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 127	This sequence encodes a mature peptide and nucleic acids --aag gac ggt-- encoding the first three amino acids Lys Asp Gly should be inserted at the beginning of the sequence.	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 128	This is a mature peptide and the first three amino acids --Lys Asp Gly-- should be inserted at the beginning of the sequence.	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 133	The mature peptide should start at 62 . . ( ) and not at 71 . . ( ).	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 134	codon/aa No. -3 should be codon/aa No. 1	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 135	This sequence encodes a mature peptide and nucleic acids --aag gac ggt-- encoding the first three amino acids Lys Asp Gly should be inserted at the beginning of the sequence.	Amendment 37 C.F.R. §1.137 filed November 29, 2007
SEQ ID NO: 136	This is a mature peptide and the first three amino acids --Lys Asp Gly-- should be inserted at the beginning of the sequence.	Amendment 37 C.F.R. §1.137 filed November 29, 2007

***Remarks***

The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Laura A. Vogel  
Attorney for Applicants  
Registration No. 55,702

Date: 5/15/08

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

809478v1

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 4

PATENT NO: 7,335,759 B2

DATED: February 26, 2008

INVENTOR(S): VILLEGAS *et al.*

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

On the front of the patent please replace the assignee name "Universidad Nacional Autónoma de México (UNAM)" with -- Universidad Nacional Autónoma de México (UNAM)--

Sequence Listing, SEQ ID NO: 11, please replace codon/aa No. "1" with -- -20--

Sequence Listing, SEQ ID NO: 12, please replace codon/aa No. "1" with -- -20--

Sequence Listing, SEQ ID NO: 15, please replace codon/aa No. "1" with -- -7--

Sequence Listing, SEQ ID NO: 16, please replace codon/aa No. "1" with -- -7--

Sequence Listing, SEQ ID NO: 19, please delete amino acids 66-68

Sequence Listing, SEQ ID NO: 20, please delete amino acids 66-68

Sequence Listing, SEQ ID NO: 93, please replace "68 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 94, please replace codon/aa No. "-2" with -- 1--

Sequence Listing, SEQ ID NO: 95, please insert nucleic acids --aag gaa-- encoding amino acids Lys Glu at the beginning of the sequence

Sequence Listing, SEQ ID NO: 96, please insert amino acids --Lys Glu--at the beginning of the sequence

MAILING ADDRESS OF SENDER (Please do not use customer number below):

1100 New York Avenue, NW

Washington DC 20005-3934

Atty. Dkt. No. 2399.0070001/JAG/LAV

This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 4

PATENT NO: 7,335,759 B2

DATED: February 26, 2008

INVENTOR(S): VILLEGAS *et al.*

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

Sequence Listing, SEQ ID NO: 97, please replace "68 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 98, please replace codon/aa No. "-2" with -- 1--

Sequence Listing, SEQ ID NO: 99, please insert nucleic acids --aaa gaa-- encoding amino acids Lys Glu at the beginning of the sequence

Sequence Listing, SEQ ID NO: 100, please insert amino acids --Lys Glu-- at the beginning of the sequence

Sequence Listing, SEQ ID NO: 101, please replace "65 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 102, please replace codon/aa No. "-1" with -- 1--

Sequence Listing, SEQ ID NO: 103, please insert nucleic acids --aag-- encoding the amino acid Lys at the beginning of the sequence

Sequence Listing, SEQ ID NO: 104, please insert amino acid --Lys-- at the beginning of the sequence

Sequence Listing, SEQ ID NO: 105, please replace "65 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 106, please replace codon/aa No. "-1" with -- 1--

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It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

Sequence Listing, SEQ ID NO: 107, please insert nucleic acids -aag-- encoding the amino acid Lys at the beginning of the sequence

Sequence Listing, SEQ ID NO: 108, please insert amino acid --Lys-- at the beginning of the sequence

Sequence Listing, SEQ ID NO: 109, please replace "59 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 110, please replace codon/aa No. "2" with -- 1--

Sequence Listing, SEQ ID NO: 111, please delete nucleic acids "gca" from the beginning of the sequence

Sequence Listing, SEQ ID NO: 112, please delete amino acid "Ala" from the beginning of the sequence

Sequence Listing, SEQ ID NO: 121, please replace "71 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 122, please replace codon/aa No. "-3" with "1"

Sequence Listing, SEQ ID NO: 123, please insert nucleic acids --aag gac ggt-- encoding the amino acids Lys Asp Gly at to the beginning of the sequence

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INVENTOR(S): VILLEGAS *et al.*

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

Sequence Listing, SEQ ID NO: 124, please insert amino acids --Lys Asp Gly-- at the beginning of the sequence

Sequence Listing, SEQ ID NO: 125, please replace "71 . . ( )" with --62 . . ( )--

Sequence Listing, SEQ ID NO: 126, please replace codon/aa No. "-3" with --1--

Sequence Listing, SEQ ID NO: 127, please insert nucleic acids --aag gac ggt-- encoding amino acids Lys Asp Gly at the beginning of the sequence

Sequence Listing, SEQ ID NO: 128, please insert amino acids --Lys Asp Gly-- at the beginning of the sequence

Sequence Listing, SEQ ID NO: 133, please replace "71 . . ( )" with --62 . . ( )--

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Sequence Listing, SEQ ID NO: 136, please insert amino acids --Lys Asp Gly-- at the beginning of the sequence

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